

- [79] E. G. Barrantes, D. H. Ackley, S. Forrest, T. S. Palmer, D. Stefanovic, and D. D. Zovi, “Randomized instruction set emulation to disrupt binary code injection attacks,” in *Proc. CCS*, pp. 281–289, 2003.
- [80] M. Chew and D. Song, “Mitigating buffer overflows by operating system randomization,” Tech. Rep. CS-02-197, Carnegie Mellon University, 2002.
- [81] D. Couroussé, T. Barry, B. Robisson, P. Jaillon, O. Potin, and J.-L. Lanet, “Runtime code polymorphism as a protection against side channel attacks,” in *IFIP International Conference on Information Security Theory and Practice*, pp. 136–152, Springer, 2016.
- [82] M. Jacob, M. H. Jakubowski, P. Naldurg, C. W. N. Saw, and R. Venkatesan, “The superdiversifier: Peephole individualization for software protection,” in *International Workshop on Security*, pp. 100–120, Springer, 2008.
- [83] M. Henry, “Superoptimizer: a look at the smallest program,” *ACM SIGARCH Computer Architecture News*, vol. 15, pp. 122–126, Nov 1987.
- [84] V. Le, M. Afshari, and Z. Su, “Compiler validation via equivalence modulo inputs,” in *Proceedings of the 35th ACM SIGPLAN Conference on Programming Language Design and Implementation*, PLDI ’14, p. 216–226, 2014.
- [85] B. Churchill, O. Padon, R. Sharma, and A. Aiken, “Semantic program alignment for equivalence checking,” in *Proceedings of the 40th ACM SIGPLAN Conference on Programming Language Design and Implementation*, PLDI 2019, (New York, NY, USA), p. 1027–1040, Association for Computing Machinery, 2019.
- [86] V. Le, M. Afshari, and Z. Su, “Compiler validation via equivalence modulo inputs,” in *Proceedings of the 35th ACM SIGPLAN Conference on Programming Language Design and Implementation*, PLDI ’14, p. 216–226, 2014.
- [87] N. Harrand, C. Soto-Valero, M. Monperrus, and B. Baudry, “Java decompiler diversity and its application to meta-decompilation,” *Journal of Systems and Software*, vol. 168, p. 110645, 2020.
- [88] M. Zalewski, “American fuzzy lop,” 2017.
- [89] K. Zhang, D. Wang, J. Xia, W. Y. Wang, and L. Li, “ALGO: Synthesizing Algorithmic Programs with Generated Oracle Verifiers,” *arXiv e-prints*, p. arXiv:2305.14591, May 2023.
- [90] L. de Moura and N. Bjørner, “Z3: An efficient smt solver,” in *Tools and Algorithms for the Construction and Analysis of Systems* (C. R. Ramakrishnan and J. Rehof, eds.), (Berlin, Heidelberg), pp. 337–340, Springer Berlin Heidelberg, 2008.

- [91] P. Kesseli, “Counterexample guided inductive synthesis modulo theories,” 2018.
- [92] P. M. Phothilimthana, A. Thakur, R. Bodik, and D. Dhurjati, “Scaling up superoptimization,” *SIGARCH Comput. Archit. News*, vol. 44, p. 297–310, mar 2016.
- [93] R. El-Khalil and A. D. Keromytis, “Hydan: Hiding information in program binaries,” in *Information and Communications Security* (J. Lopez, S. Qing, and E. Okamoto, eds.), (Berlin, Heidelberg), pp. 187–199, Springer Berlin Heidelberg, 2004.
- [94] V. Singhal, A. A. Pillai, C. Saumya, M. Kulkarni, and A. Machiry, “Cornucopia: A framework for feedback guided generation of binaries,” in *Proceedings of the 37th IEEE/ACM International Conference on Automated Software Engineering, ASE ’22*, (New York, NY, USA), Association for Computing Machinery, 2023.
- [95] B. Cox, D. Evans, A. Filipi, J. Rowanhill, W. Hu, J. Davidson, J. Knight, A. Nguyen-Tuong, and J. Hiser, “N-variant systems: a secretless framework for security through diversity,” in *Proc. of USENIX Security Symposium, USENIX-SS’06*, 2006.
- [96] D. Bruschi, L. Cavallaro, and A. Lanzi, “Diversified process replicas for defeating memory error exploits,” in *Proc. of the Int. Performance, Computing, and Communications Conference*, 2007.
- [97] B. Salamat, A. Gal, T. Jackson, K. Manivannan, G. Wagner, and M. Franz, “Stopping buffer overflow attacks at run-time: Simultaneous multi-variant program execution on a multicore processor,” tech. rep., Technical Report 07-13, School of Information and Computer Sciences, UC Irvine, 2007.
- [98] L. Davi, C. Liebchen, A.-R. Sadeghi, K. Z. Snow, and F. Monrose, “Isomeron: Code randomization resilient to (just-in-time) return-oriented programming,” in *NDSS*, 2015.
- [99] G. Agosta, A. Barengi, G. Pelosi, and M. Scandale, “The MEET approach: Securing cryptographic embedded software against side channel attacks,” *IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems*, vol. 34, no. 8, pp. 1320–1333, 2015.
- [100] T. Jackson, B. Salamat, A. Homescu, K. Manivannan, G. Wagner, A. Gal, S. Brunthaler, C. Wimmer, and M. Franz, “Compiler-generated software diversity,” in *Moving Target Defense*, pp. 77–98, Springer, 2011.
- [101] A. Amarilli, S. Müller, D. Naccache, D. Page, P. Rauzy, and M. Tunstall, “Can code polymorphism limit information leakage?,” in *IFIP International*